



EXTEND YOUR USE OF MAXIMO WITH HSE MANAGER

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Over the past 20 years Maximo has evolved from a niche Computerized Maintenance Management System (CMMS) into an Enterprise-wide Asset Management solution. As part of this evolution, many Maximo implementations have been used to mop up a large number of standalone legacy systems. One of my recent projects replaced 61 legacy systems with a single Maximo instance and the customer is still finding new applications to replace within the Maximo umbrella.

Maximo has always had a great deal of flexibility built into the core product, but its use has expanded massively with the introduction of Industry Solutions for specific Industry verticals. One of the larger Industry Solutions was Maximo for Oil & Gas and we were surprised to find that a number of customers in non O&G industries expressed interest in this solution. On investigation, we found that customers were very interested in the Health and Safety features of the Oil & Gas solution, so IBM has now packaged this functionality as a Health Safety and Environment (HSE) Manager add-on applicable to all industries.

The HSE add-on addresses a number of functional enhancements that can be used to eliminate a number of point solutions and has the added benefit of being fully integrated into a common asset and work history database. Some of the new functionality includes:

1. Risk Assessments and a Priority Matrix
2. Incident Reporting and Investigations.
3. Management of Change with Improvements, Benefits and Losses Analysis.
4. Permits to Work

There are substantial benefits in including the Incident reporting functionality within the Maximo footprint. For example, if a valve is left open causing a leak of hydrocarbons, then traditionally this would be reported inside an Incident reporting system (if no work is required) and it would not be reported in Maximo. If, however, the valve was closed and a leak occurred, this would only be reported in Maximo. By combining the two systems, a full history of the asset is retained and users only have to use one system.

Similarly, many organisations use an external permit to work system. This is a proven technique, but there is no reference to the assets, or location of the work, with the possible result that the Permit does not align to the work being performed. With a single solution, this potential risk can be avoided.

By combining all the information into a common system, users can then review the failure of an asset, carry out an investigation, identify a defect/s in the plant and then carry out a Change to address these problems. Maximo will then retain the full audit trail of all these actions in a single system.

The potential benefits of having a total solution in one system are considerable, as it eliminates the need for several isolated systems and removes the need for complex integrations.

If you would like to learn more about implementing Maximo HSE Manager, please contact our sales team on 08434 610061, or e-mail sales@vetasi.com.